William Park

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🌐 williampark.site

technical strengths

Programming Languages

Python, JavaScript, C++

Tools

React, Node.js, Express.js, MongoDB, Git, React Native, Postman, TensorFlow

Interests

Web development, AI, Mobile development, Firmware

awards

President's Scholarship of Distinction

University of Waterloo
Awarded to students with an admission average of 95% or higher.

Nortel Networks Undergraduate Scholarship

University of Waterloo
Awarded to outstanding students entering year one of electrical and computer engineering.

education

University of Waterloo

2019 to Present
BASc Computer Engineering

work experience

Software Developer in Test | 360 Education Labs Inc

January 2020 to April 2020

- Validated the **functionality** and **UI/UX** of the site Yuja.com and its accompanying desktop/mobile applications by performing **functionality, regression** and **smoke tests**.
- Executed **automation tests** using **Selenium WebDriver** and **debugged** test cases to improve the efficiency of the existing testing process.

personal projects

Flicker

https://github.com/williamhpark/movie-tinder.git

- Championed the development of the web application's **front-end**, setting up an interactive UI using **React** and styling components with **CSS**.
- Architectured an **internal API** with **Node.js** to validate user authentication and provide a means for the front-end to access data stored in **MongoDB** collections.
- Reviewed pull requests on a shared **Github** repository to restructure inefficiencies and improve style in the code.

Personal Portfolio Website

https://github.com/williamhpark/personal-website-public.git

- Developed a **full-stack** personal portfolio website using the **MERN stack** to display projects/hobbies and host a blog.
- Integrated the **GridFS** specification into the **Node.js** back-end to store large digital assets in **MongoDB** and serve them to the front-end.

additional experiences

Club President | KidSport PMSS

September 2016 to June 2019

- Lead a group of more than **25 club members** in organizing **fundraisers** and **awareness events** to give underprivileged youth the opportunity to participate in organized sports.

SHAD Fellow | SHAD Program

June 2018 to July 2018

- Earned the SHAD Fellow designation after being **nominated** to attend the award-winning **STEM** and **entrepreneurship** program.
- Created a **design and business model** for an emergency evacuation kit to help increase resilience against wildfires using **prototype** and **business plan** development strategies taught during the program.